

ABSTRACT OF THE DISCLOSURE

A pattern identification system includes an illumination device, a video camera unit, a controller and a programmable identification member. The illumination device projects light on a sample pattern disposed in the system.

- 5 The video camera unit captures a first image for measuring a reference coordinate of the sample pattern. The video camera unit is moved to a predetermined position by the controller. The controller controls the video camera to magnify an image sufficient for identification so as to allow capturing an identifiable image of difference with respect to a programmed
- 10 feature. The video camera unit captures a second identifiable image of the sample pattern and sends it to the programmable identification member for identifying the sample pattern.